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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	INITAIL RELEASE	04-29-14	P.BRAVO
A	INCORPORATED ECN 04969	06-10-15	P.BRAVO
B	INCORPORATED ECN 05083	08-12-15	P.BRAVO

A

B

C

D

PROTOTYPE REVISIONS							
ZONE	REV	DESCRIPTION	DATE	APPROVED	CHANGE CODE	EFFECTIVITY	REVISED BY
	PB1 - PB4	REFER TO PREVIOUS REVISIONS	02-03-2021	T. CROSS	MDI	NEXT ORDER	K. TAILOR
SHEET 1 A2-2 B3-2  B4-2  B5-2  B6-2  C1-2 C3-2  C4-2 C5-1 D1-2  D2-2 D4-2 D6-2 B1-3 B5-3 D7-3 B1-4 B5-4 D4-4 A3-5 B1-5 B7-5 A7-6 B1-6 B4-6 B6-6 C3-6 B5-7 C1-7 SHT 8	PB5	ADDED SHEET FOR PROTOTYPE REVISION TABLE NOTE 2: ADDED .055 TO .010 MAX DIMENSION WAS Ø.800 IS Ø.844 ADDED BILATERAL TOLERANCE ADDED .095-.100 DIMENSION ADDED SURFACE ROUGHNES VALUES DIMENSION WAS .050 ±.002 IS .050-.054 ADDED SURFACE ROUGHNESS VALUES ADDED R.010 2 PL DIMENSION DIMENSION WAS Ø.450 ±.002 IS Ø.460-.464 ADDED BILATERAL TOLERANCE DIMENSION WAS .065 ±.002 IS .094+.015/.000 DIMENSION WAS Ø.685 ±.002 IS Ø.600+.002/- .003 REPLACED .100+.004/- .000 DIMENSION WITH .425+.000/- .004 ADDED SECTION B-B; RELABELED SUBSEQUENT VIEWS ADDED SURFACE ROUGHNESS VALUE REPLACED .285 DIMENSION WITH .350 ADDED SURFACE ROUGHNESS VALUE ADDED R.015-.031 DIMENSION ADDED R.005-.020 DIMENSION ADDED BILATERAL TOLERANCE ADDED BILATERAL TOLERANCE REVISED THREAD SERIES & CLASS ADDED BILATERAL TOLERANCE ADDED BILATERAL TOLERANCE REVISED THREAD SERIES AND CLASS DIMENSION WAS Ø.800 IS Ø.844 ADDED BILATERAL TOLERANCE REVISED THREAD SERIES & CLASS ADDED .020 DIMENSION ADDED BILATERAL TOLERANCE ADDED .700 DIMENSION ADDED BILATERAL TOLERANCE REPLACED 5 PL WITH TYP ADDED BILATERAL TOLERANCE ADDED BILATERAL TOLERANCE ADDED NEW SHEET 8 FOR NEW 650.6520	03-15-21	J.GARDINER	MDI	NEXT ORDER	P.PEREZ

ORIGINAL DATE  
(MO-DA-YR) 04-29-2014

DRAWN BY  
N. CAP

CHECKER  
P. BRAVO

DRAWING APPROVAL  
P. BRAVO  
04-29-14

CONTRACT No.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ±.5°

SIZE  
B

CAGE CODE  
07MZ6

DWG. NO.  
650.6500

REV.  
PB5

DART

AEROSPACE

APICAL INDUSTRIES, INC.  
dba DART AEROSPACE

3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

PORT ADAPTERS

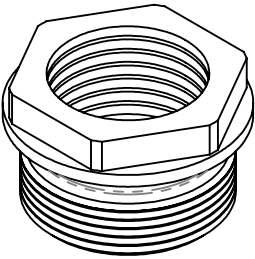
SCALE NONE

SHEET 1 OF 8

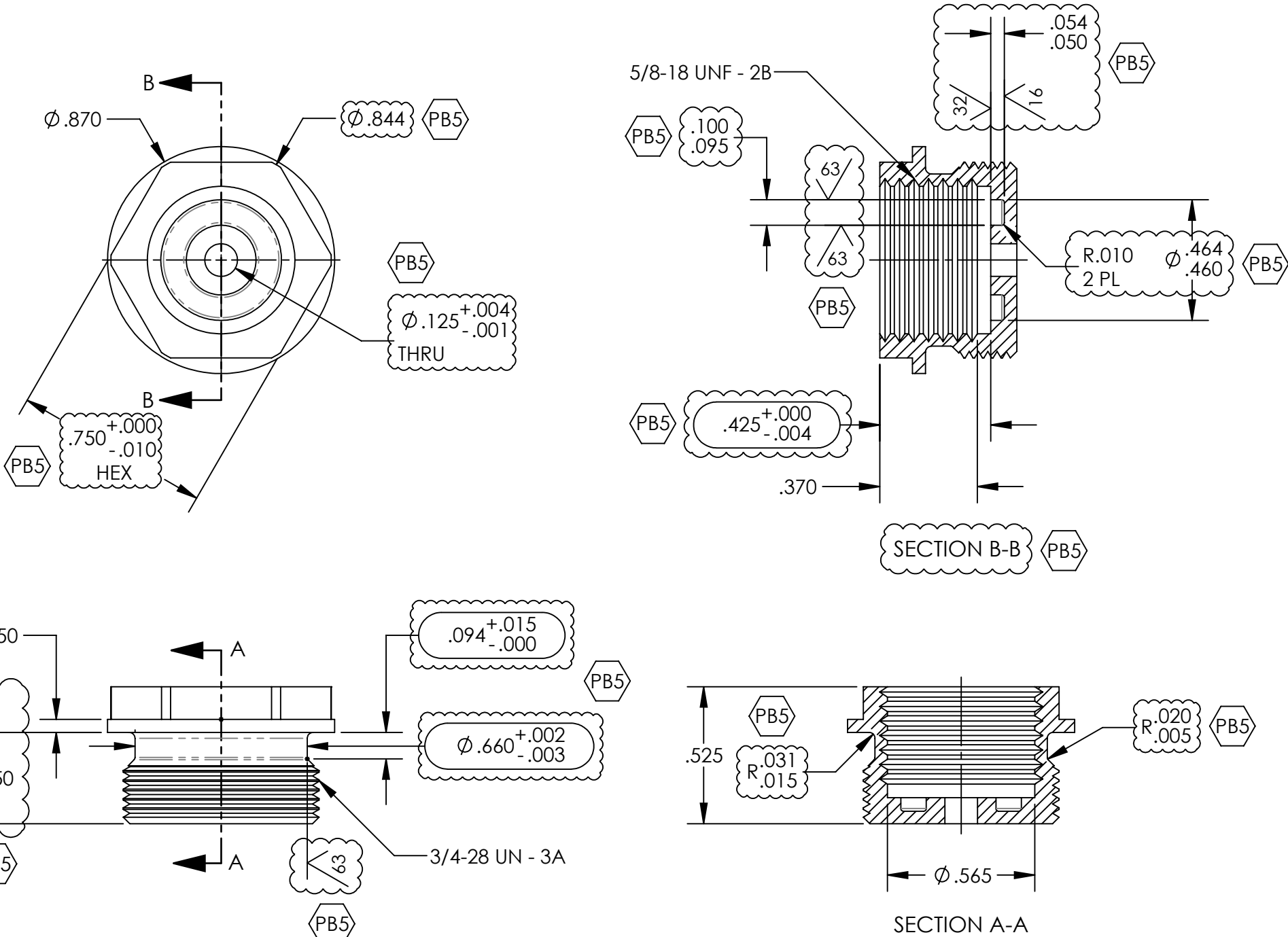
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



NOTES:

- 1 MATERIAL: 17-4 PH H1150 STAINLESS STEEL IAW AMS 5643 OR ASTM A564
- 2 DEBURR AND BREAK ALL SHARP EDGES: .005 TO .010 MAX
- 3 IDENTIFY IAW MPP-120
- 4 FINISH: PASSIVATE IAW MPP-172 SECTION 6.1

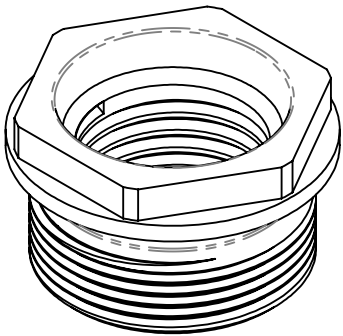
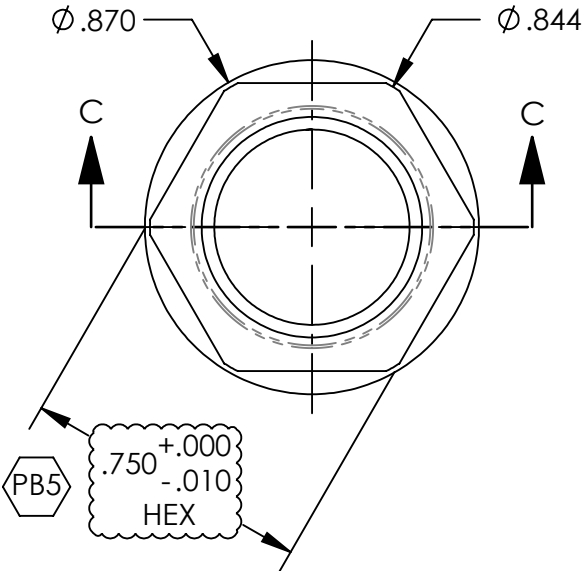


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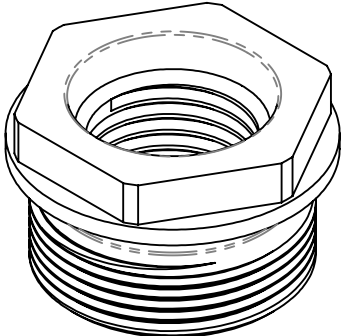
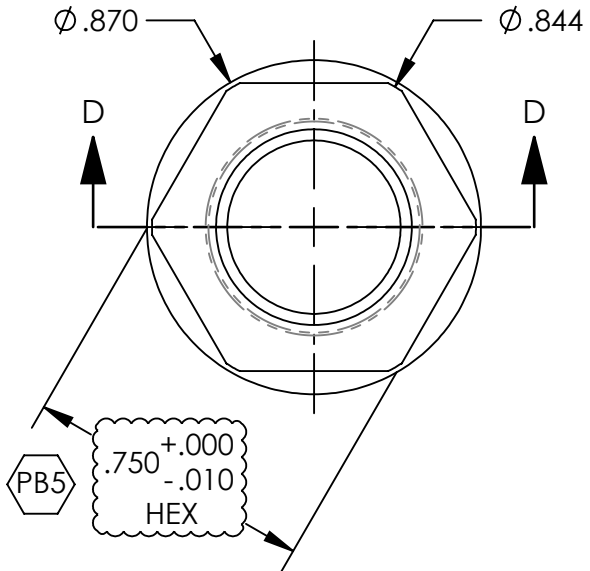


			11	650.6520	ANGLED FITTING ADAPTER				
			10	650.6519	THERMAL PORT PLUG				
			9	650.6518	SHUTTLE HOUSING PLUG				
			8	650.6517	SWIVEL FITTING PLUG				
			7	650.6516	SAFETY DISC RETAINER PLUG				
			6	650.6515	EXTENDED GAUGE ADAPTER				
			5	650.6514	PLUG ADAPTER				
			4	650.6513	THERMAL ADAPTER				
			3	650.6512	GAUGE ADAPTER				
			2	650.6511	FILL PORT ADAPTER				
			1	650.6510	BURST DISC ADAPTER				
			FIND #	PART #	DESCRIPTION	MAT'L	SPEC.		
QTY			PARTS LIST						
NEXT ASSY (S)  650.5300			ORIGINAL DATE (MO-DA-YR) 04-29-2014		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300				
			DRAWN BY N. CAP					CHECKER P. BRAVO	
			DRAWING APPROVAL P. BRAVO 04-29-14						
			CONTRACT No.						
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°						
			PORT ADAPTERS						
			SIZE B	CAGE CODE 07MZ6	DWG. NO. 650.6500	REV. PB5			
			SCALE NONE			SHEET 2 OF 8			

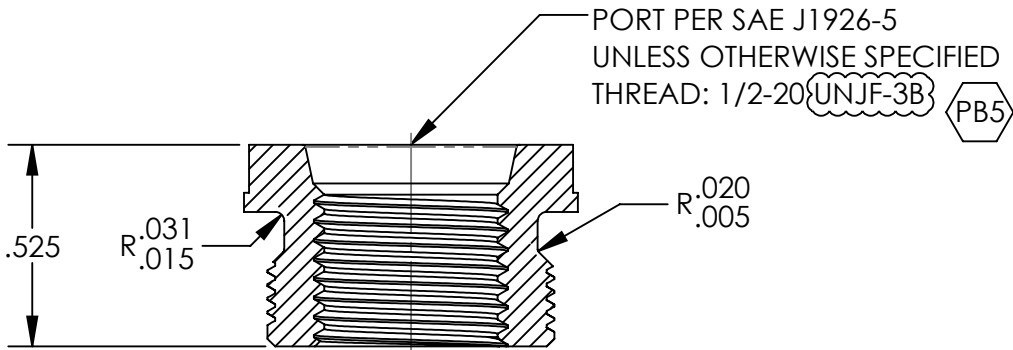
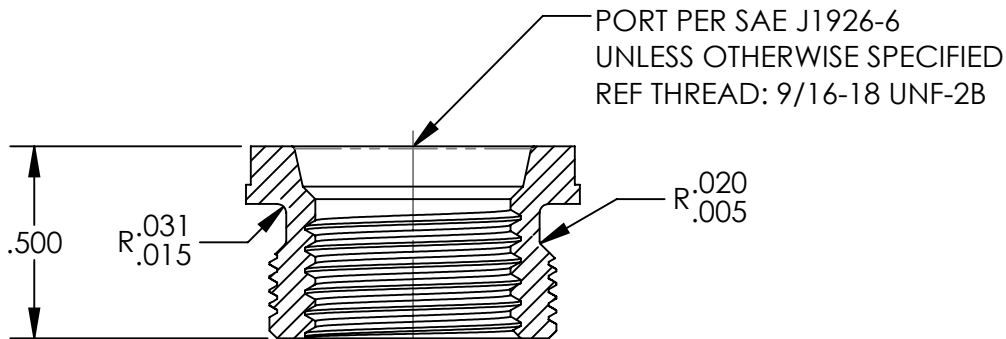
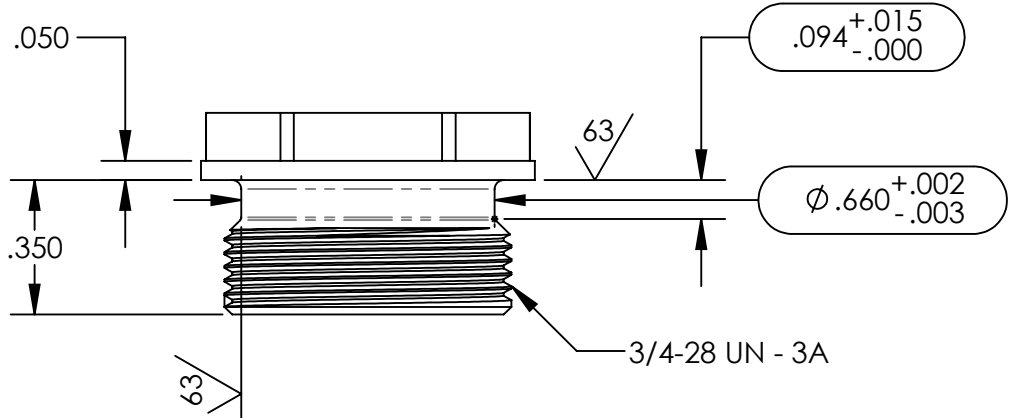
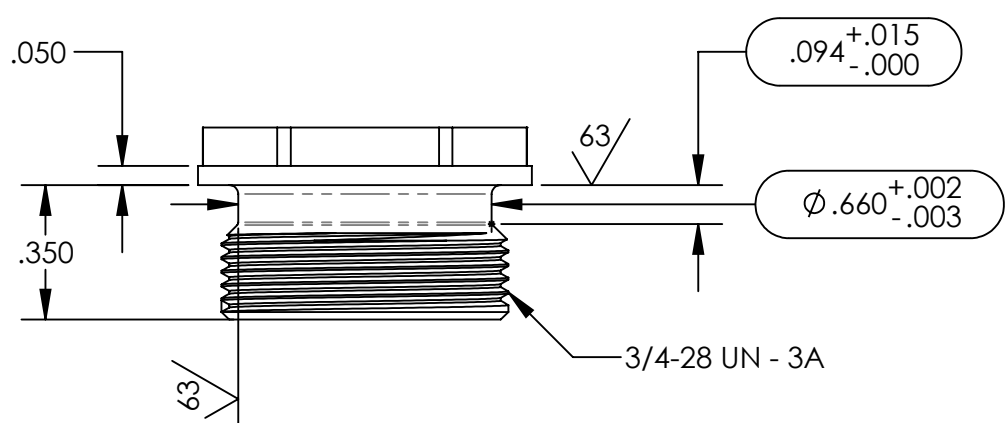
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650.6511



650.6512



SECTION C-C

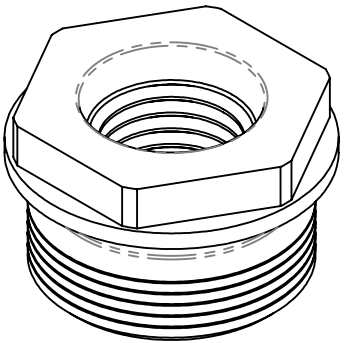
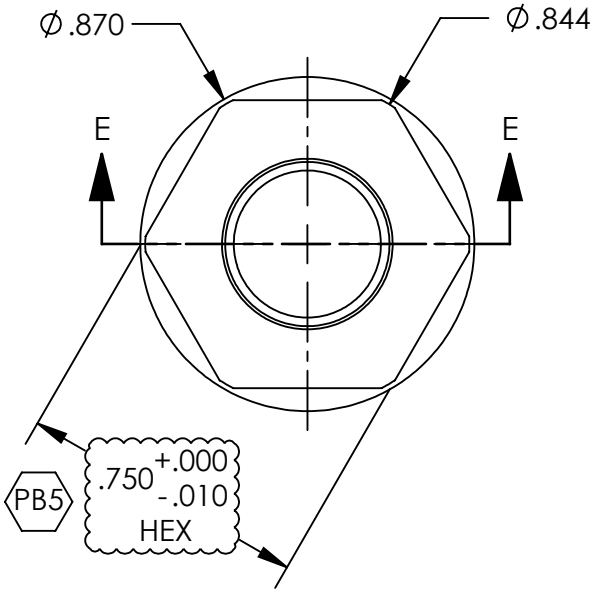
SECTION D-D

ORIGINAL DATE (MO-DA-YR)	04-29-2014
DRAWN BY N. CAP	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 04-29-14	
CONTRACT No.	

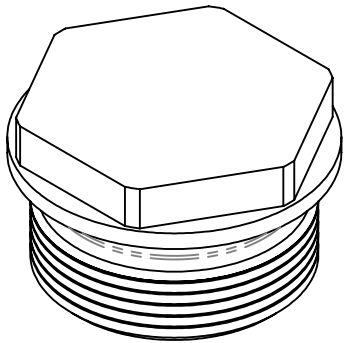
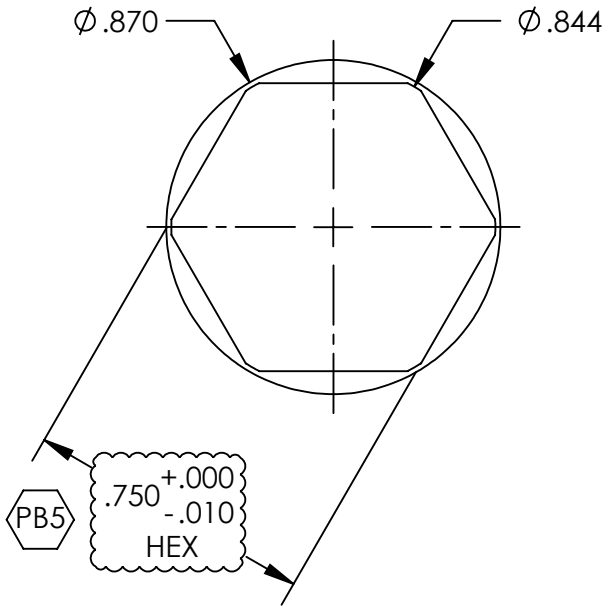
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS  $\pm .01$   
3 PLACE DECIMALS  $\pm .005$   
ANGLES  $\pm .5^\circ$

<b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
		PORT ADAPTERS	
SIZE B	CAGE CODE 07MZ6	DWG. NO. 650.6500	REV. PB5
SCALE NONE		SHEET 3 OF 8	

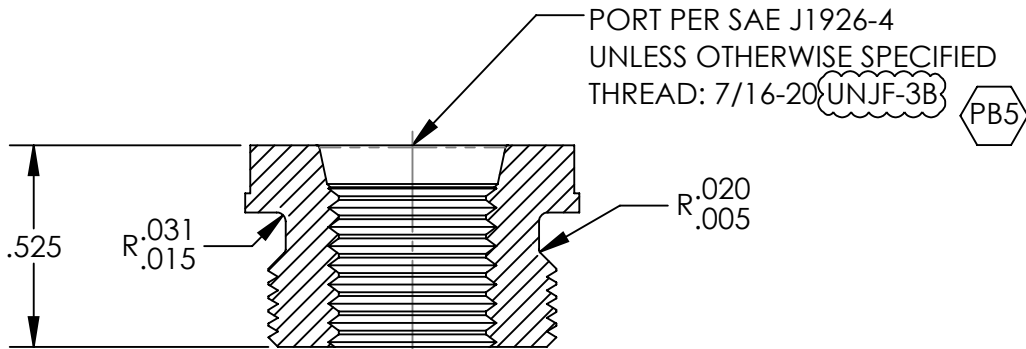
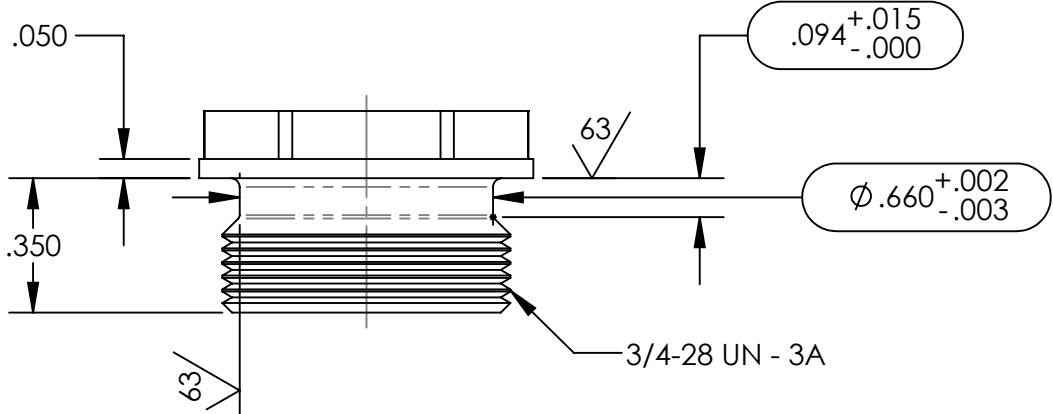
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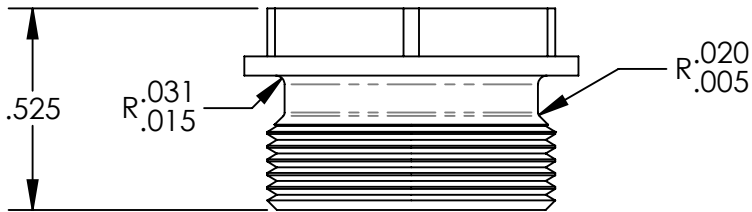
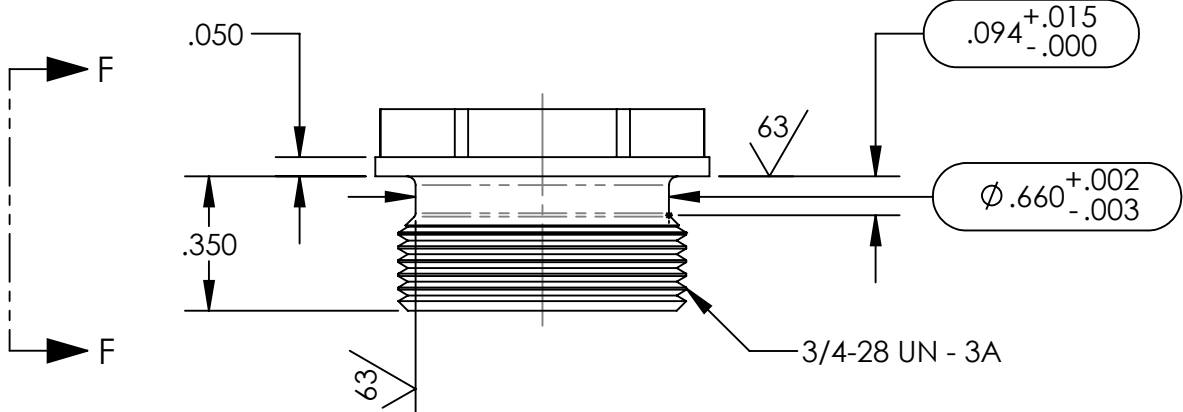
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650.6514



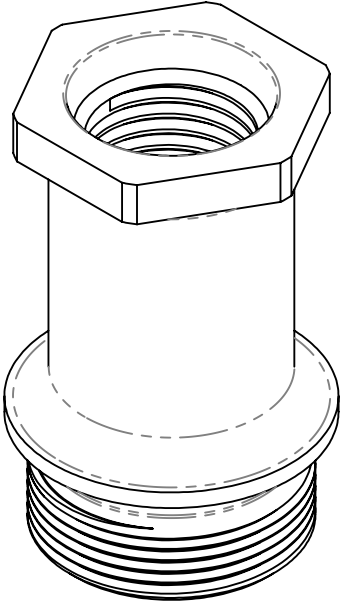
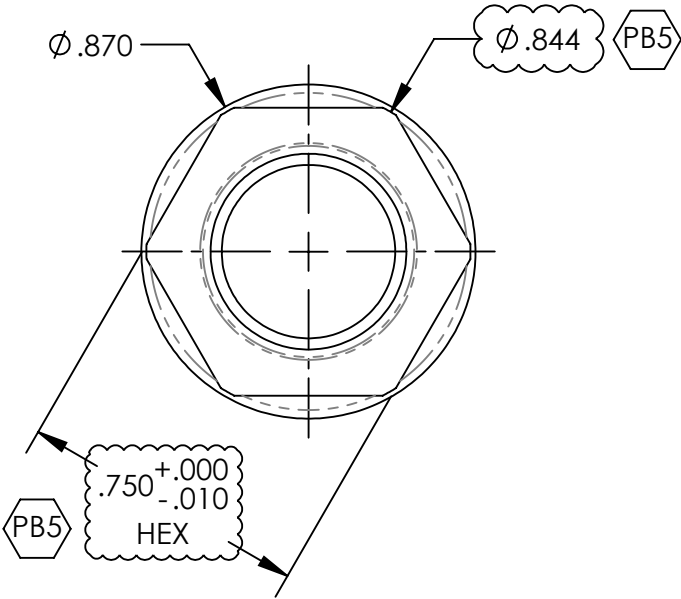
SECTION E-E



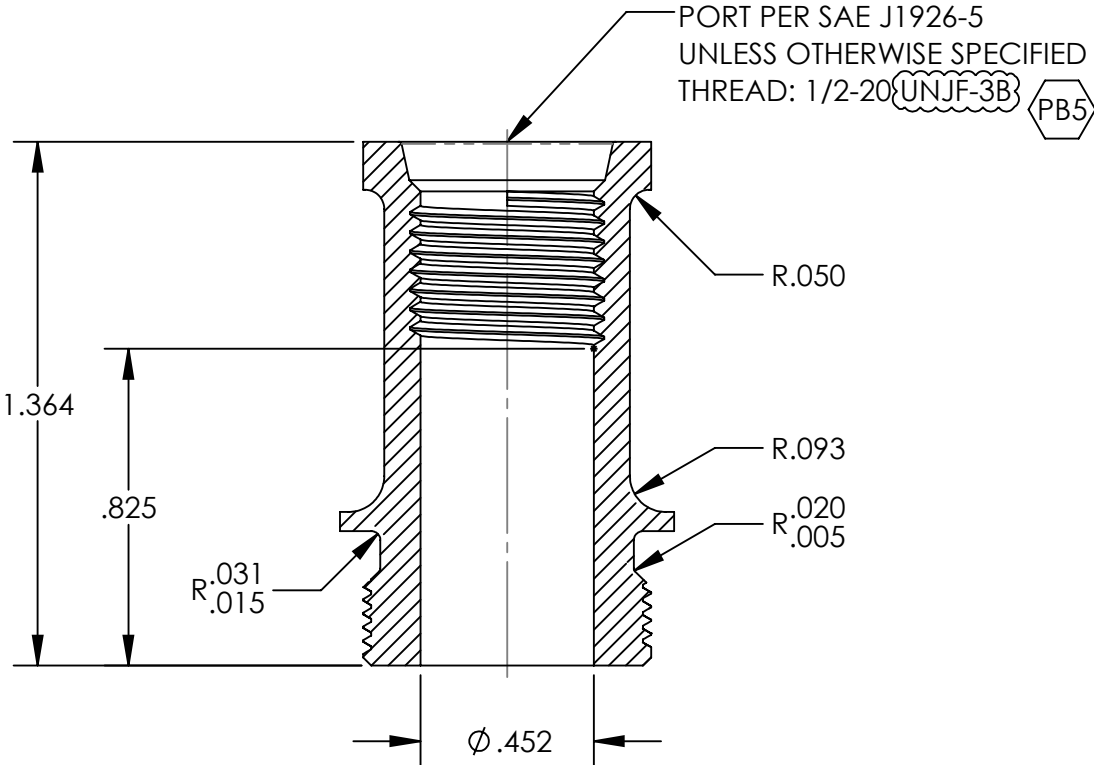
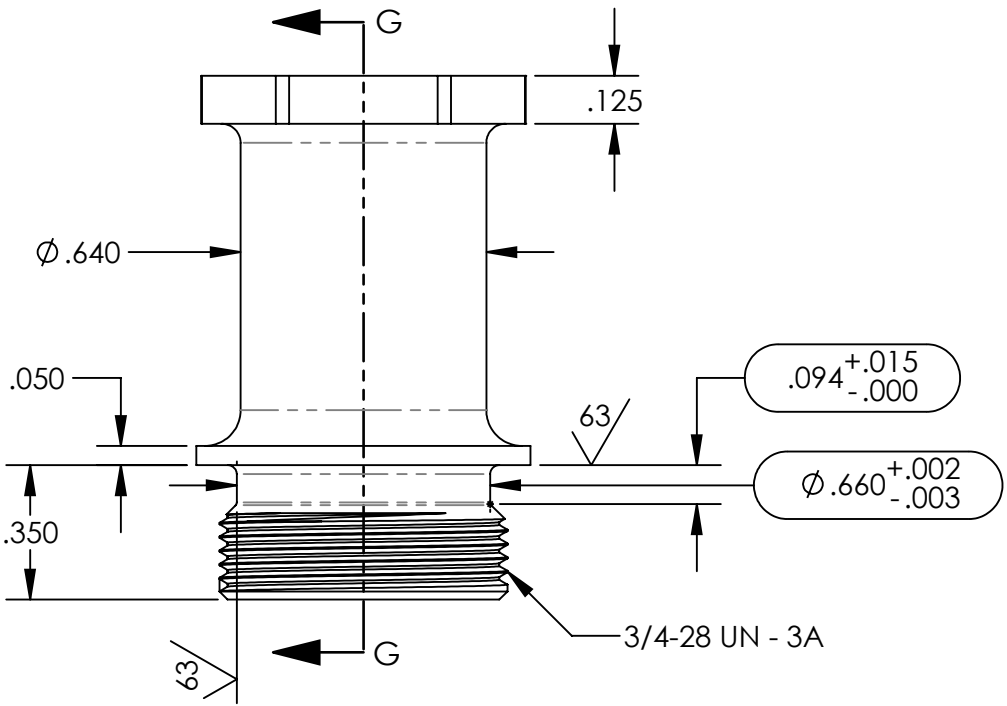
VIEW F-F

ORIGINAL DATE (MO-DA-YR) 04-29-2014		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY N. CAP	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-29-14		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		PORT ADAPTERS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. PB5
CAGE CODE 07MZ6		DWG. NO. 650.6500	SHEET 4 OF 8
SCALE NONE			

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650.6515



SECTION G-G

ORIGINAL DATE (MO-DA-YR) 04-29-2014		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY N. CAP	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-29-14		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		PORT ADAPTERS	
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		CAGE CODE 07MZ6	DWG. NO. 650.6500
		SCALE NONE	SHEET 5 OF 8

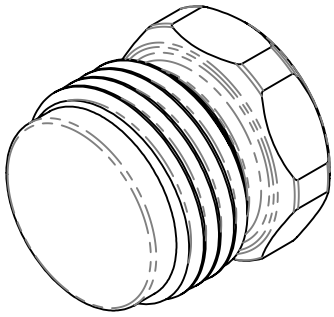
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A

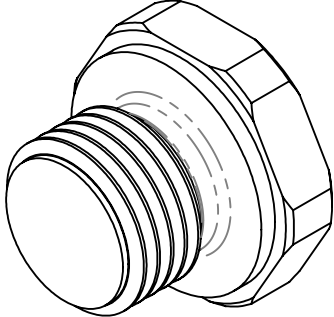
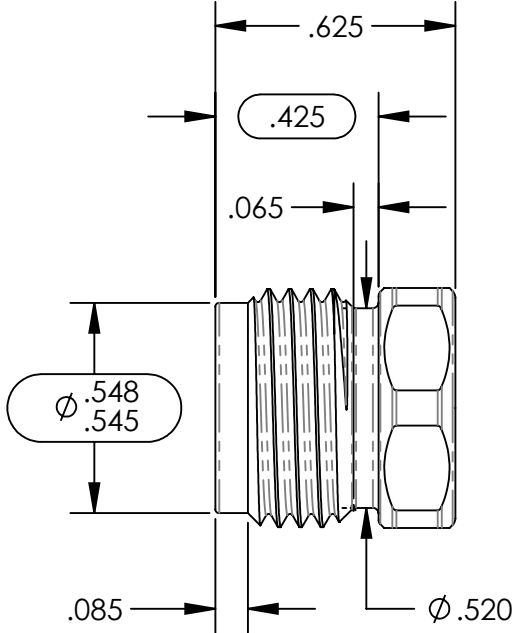
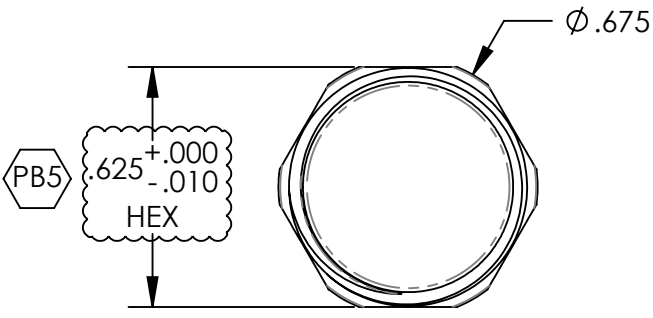
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C

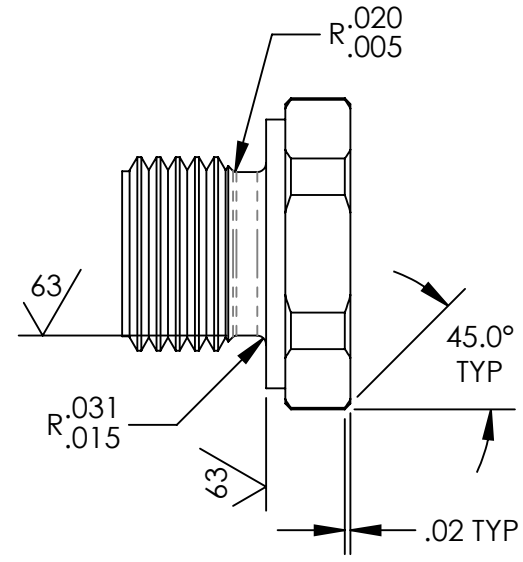
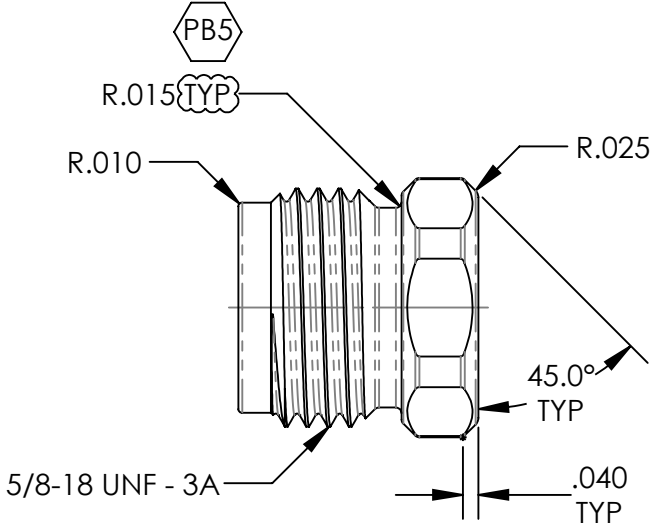
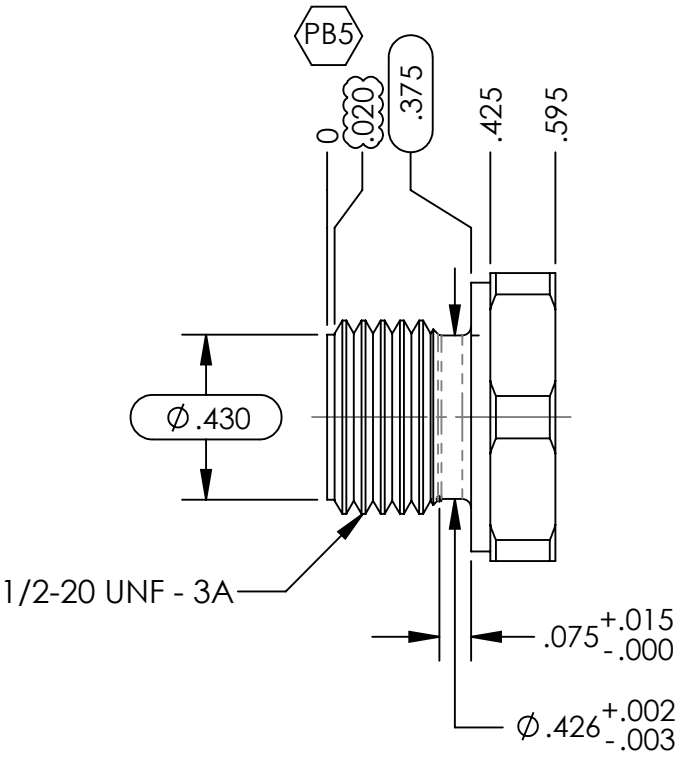
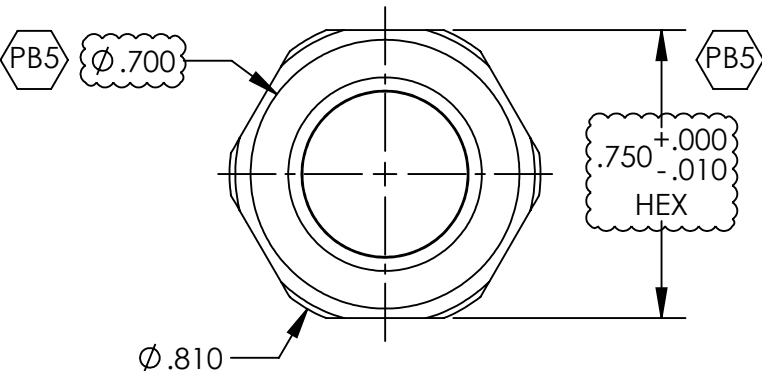
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650.6516



650.6517



ORIGINAL DATE (MO-DA-YR) 04-29-2014  
DRAWN BY N. CAP  
CHECKER P. BRAVO  
DRAWING APPROVAL P. BRAVO 04-29-14  
CONTRACT No.

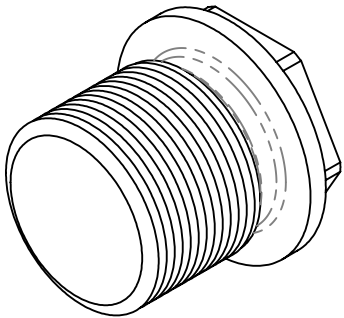
**DART** AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE  
3030 ENTERPRISE CT., SUITE A  
VISTA, CA. 92081  
(760)-724-5300

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ±.5°

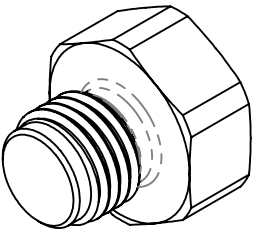
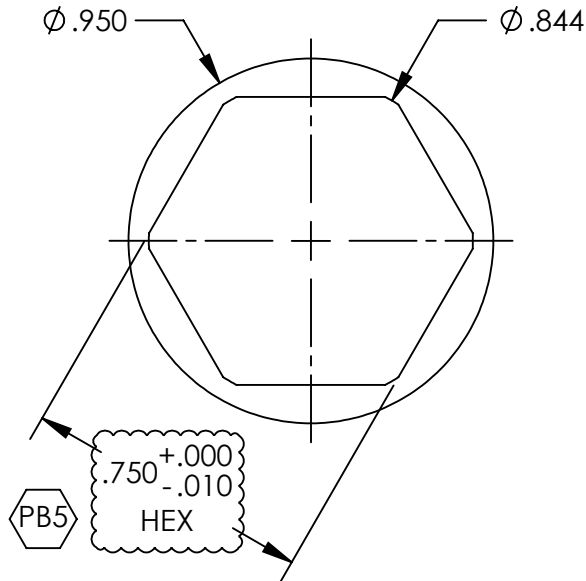
PORT ADAPTERS  
SIZE B CAGE CODE 07MZ6 DWG. NO. 650.6500 REV. PB5  
SCALE NONE SHEET 6 OF 8



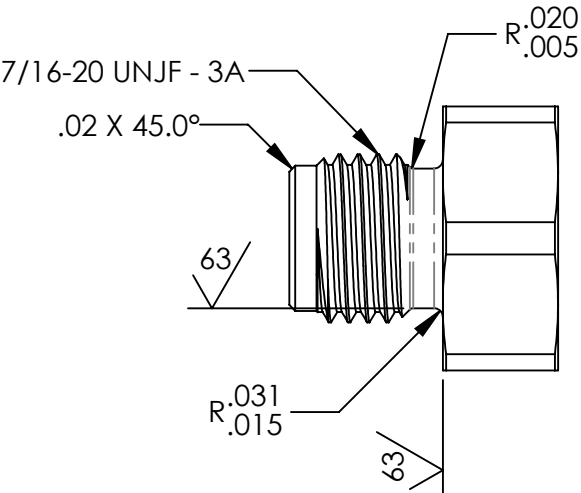
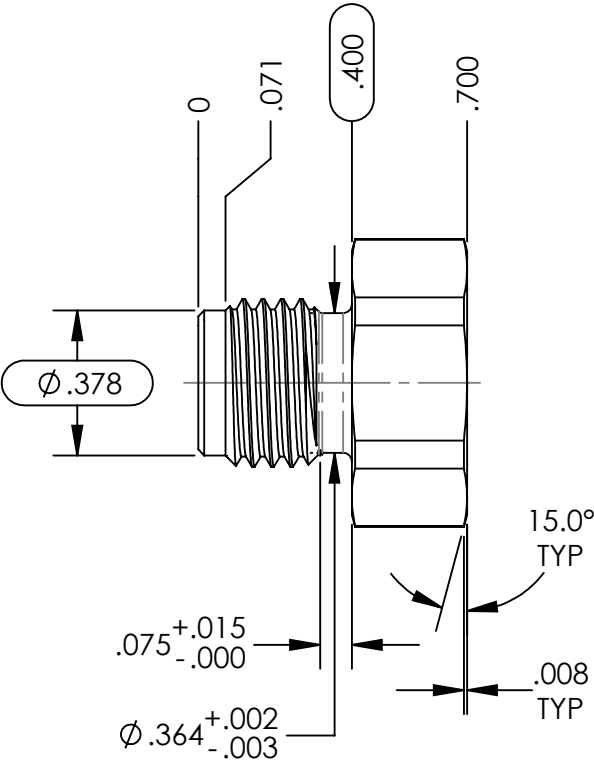
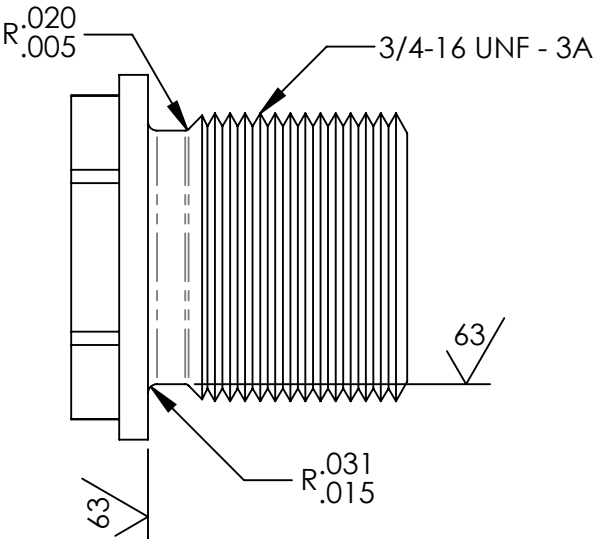
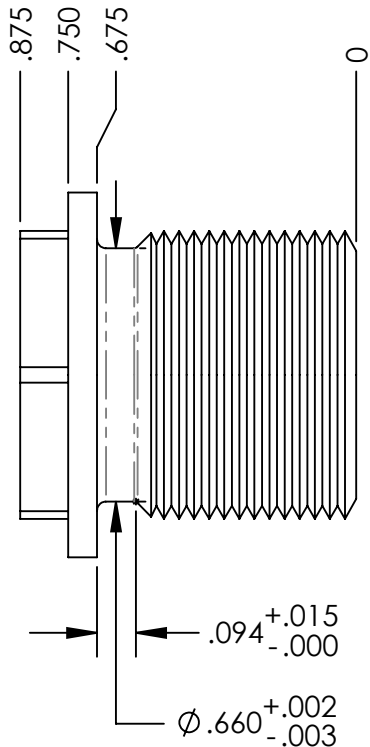
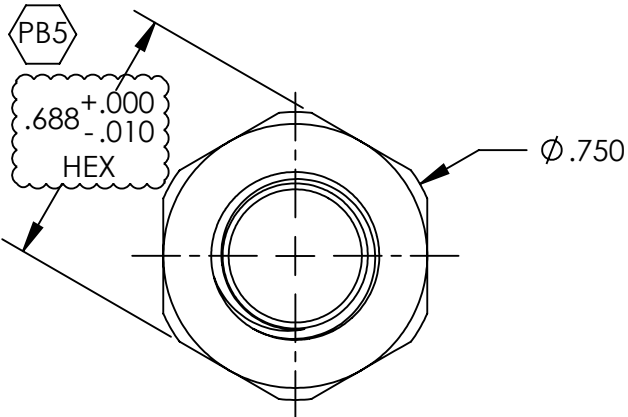
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650.6518



650.6519



ORIGINAL DATE  
(MO-DA-YR) 04-29-2014  
DRAWN BY N. CAP  
CHECKER P. BRAVO  
DRAWING APPROVAL  
P. BRAVO  
04-29-14  
CONTRACT No.

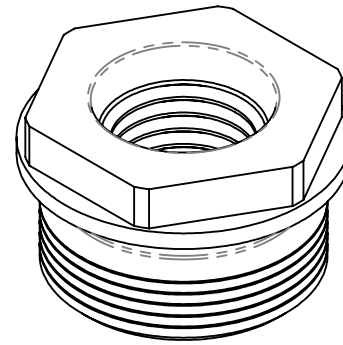
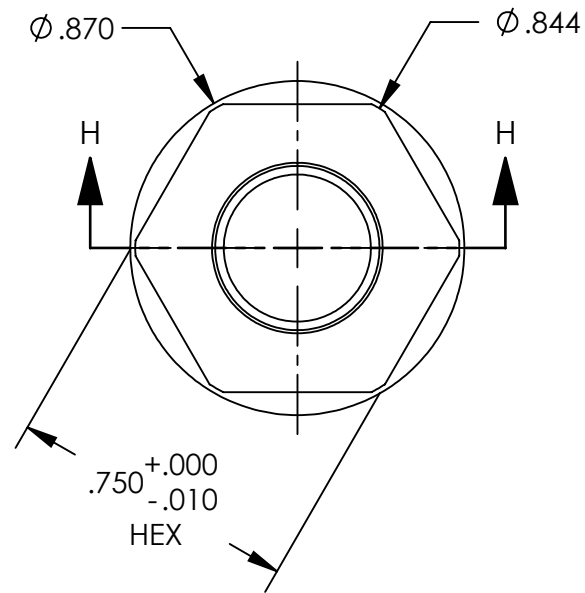
**DART**  
AEROSPACE  
3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE

PORT ADAPTERS

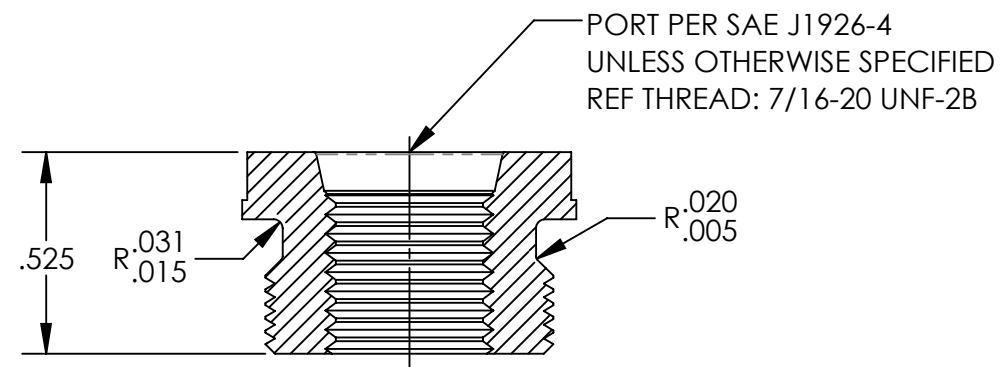
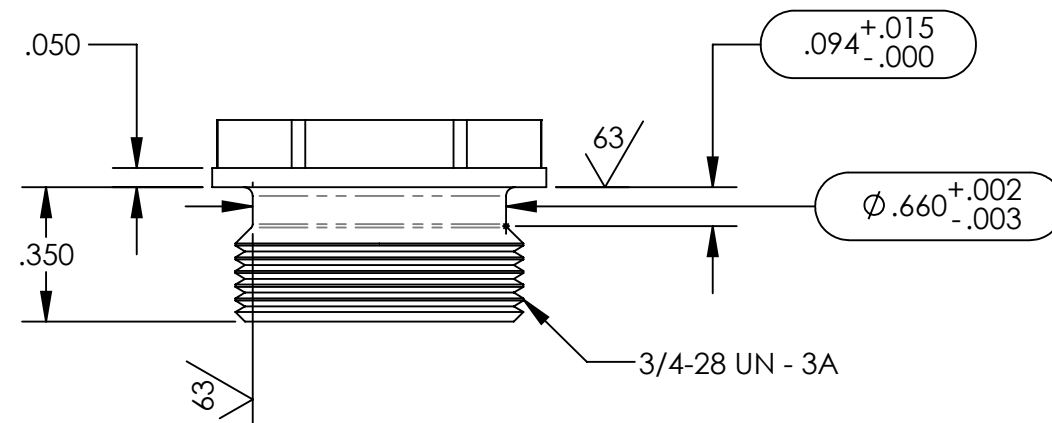
UNLESS OTHERWISE SPECIFIED  
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TOLERANCES ARE:  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ±.5°

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	650.6500	PB5
SCALE NONE			SHEET 7 OF 8


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650.6520



SECTION H-H

ORIGINAL DATE (MO-DA-YR)	04-29-2014		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300
DRAWN BY	CHECKER		
N. CAP	P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-29-14			
CONTRACT No.			APICAL INDUSTRIES, INC. dba DART AEROSPACE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			
PORT ADAPTERS			
SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	650.6500	PB5
SCALE NONE			SHEET 8 OF 8